

Atty. Docket No. 85827-103

In re Patent Application of Naveen MYSORE et al.

Serial No.:

10/544,108

Group Art Unit:

2617

Filed:

August 2, 2005

Examiner:

N/A

Title:

SYSTEM AND METHOD FOR DATA COMMUNICATION OVER

MULTI-INPUT, MULTI-OUTPUT CHANNELS

HE UNITED STATES PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b) - (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

This Information Disclosure Statement is being filed within three months of the filing date of a national application, within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing date of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

Applicant therefore respectfully requests consideration of this Information Disclosure Statement under 37 CFR 1.97(b), 37 CFR 1.97(c), or 37 CFR 1.97(d), as appropriate.

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications, applications, or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO/SB/08.

In compliance with 37 CFR 1.98(a)(2), also enclosed is a legible copy of:

i) each foreign patent document;

ii) each publication or that portion which caused it to be listed;

iii) for each cited pending unpublished U.S. patent application, the application specification including the claims, and any drawings of the application, or that

portion of the application which caused it to be listed including any claims

directed to that portion; and

iv) all other information or that portion which caused it to be listed, excluding any

copies of a United States patent or patent application.

It is respectfully requested that the information be expressly considered by the Examiner and that

the references be made of record and appear among the "References Cited" on any patent to

issue therefrom.

The Patent Office is hereby authorized to charge any deficiency, or credit any overpayment in

fees to Deposit Account Number 19-2550.

Respectfully submitted,

Date: July 27, 2006

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Encls.: Form PTO/SB/08

All references listed on Form PTO/SB/08 (except US patents / applications)

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PTO/SB/08A (07-05)

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Substitute or num 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/544,108			
Filing Date	August 2, 2005			
First Named Inventor	Naveen MYSORE			
Art Unit	2617			
Examiner Name	N/A			
Attorney Docket Number	85827-103			

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
/D.P./	1 1.	<sup>US-</sup> 6,081,566	06-27-2000	molnar et al.			
/D.P./	2.	<sup>US-</sup> 6,173,014 B1	01-09-2001	Forssen et al.			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	⊤6	
7D.P.	I J.	EP 0 998 045 A1	05-03-2000	LUCENT TECHNOLOGIES			
−/D.P.,	4.	EP 1 213 853 A1	06-12-2002	MITSUBISHI DENKI			
/D.P.,	5.	EP 1 265 377 A2	12-11-2002	NEC CORPORATION			
/D.P./	6.	PCT/CA2004/000137 (ISR)	06-28-2004	MCGILL UNIVERSITY			
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Examiner	/Dhaval Patel/	Date	09/22/2008
Signature		Considered	00, 22, 200

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Consideration of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known		
				Application Number	10/544,108	
INF	ORMATION	DIS	CLOSURE	Filing Date	August 2, 2005	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Naveen MYSORE	
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(Use as many sheets as necessary)		Examiner Name	N/A			
Sheet	2	of	2	Attorney Docket Number	85827-103	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/D.P	./ <sub>7.</sub>	MATTHEW VALENTI and BRIAN D. WOERNER, Iterative Multiuser Detection for Convolutionally Coded Asynchronous DS-CDMA, 9th IEEE International Symposium, 09-09-1998, 21 pages	
/D.P./	8.	CHIP FLEMING, A Tutorial on Convolutional Coding with Viterbi Decoding, copyright © 1999-2002, 6 pages, Spectrum Applications	
/D.P./	9.	Description of the Algorithms (Part 1), copyright © 1999-2002, 7 pages, Spectrum Applications	
/D.P./	10.	TELECOMMUNICATIONS AND MISSION OPERATIONS DIRECTORATE - DNS Technology Program, Communications Systems Analysis: Turbo Codes, 1 page	

Examiner	(Dharral Data)/	Date	09/25/2008
Signature	/Dhaval Patel/	Considered	09/23/2000

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant:

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